



TYPE OF DECLARATION

This de	claratio	on is of the following type: {check one applicable item below}
		X Original Design Supplemental
	NOTE:	If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-parapplication do not check next item; check appropriate one of last three items.
•		National Stage of PCT
	NOTE:	If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.
		DivisionalContinuationX _Continuation-in-part (CIP)
		INVENTORSHIP IDENTIFICATION
original.	are list	post office address and citizenship are as stated below next to my name, I believe I am the nd sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural ted below) of the subject matter which is claimed and for which a patent is sought on the ed:
		TITLE OF INVENTION
w In		
U		Urease-Based Vaccine and Treatment for
razij		Helicobacter Infection
<u>.</u>		
E C		
		SPECIFICATION IDENTIFICATION
the spec	cificatio	n of which:
(a)	х	is attached hereto.
<u>-</u>		
(b) _		was filed on as Serial No. 0/;
	1	or Express Mail No., as Serial No. not yet known, and was
		amended on (if applicable).
(c) _		was described and claimed in PCT International Application No filed on
	•	and as amended under PCT Article 19 on (if any).
		ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
l hereby	state	that I have reviewed and understand the contents of the above-identified specification, including amended by any amendment referred to above.
accordan	wledge ice with	the duty to disclose information which is material to the examination of this application in Title 37, Code of Federal Regulations, Section 1.56(a).
_	l	n compliance with this duty, there is attached an information disclosure statement.
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DEC-POA	.1-1	- Page 1 of 5 -

appli coun	cation(s) try_othe) for p er than	oaten the	Ini State Intor's Red States	es of America certificate of America	ica listed be	elow	ave also	identified	ne of any forei nating at least o below any forei nating at least o aving a filing da	ne
(d)	X	No	such ap	plications h	nave been f	iled.					
(e) ⁻		Suc	h applic	ations have	been filed	as follows.					-
	NOTE:	Whe	re item (c) enter the	is entered ab details below	oove and the in and make the	nternational App priority claim.	lication which	designated	the U.S. claim	ed priority, check ite	m
			EARLIES (6	ST FOREIGI MONTHS F	N APPLICAT	TONS, IF AND) PRIOR TO	Y FILED \	S. APPLIC	ATION		
	COL	JNTRY		APPLICA NUMBE		DATE OF (month, day,		YES	PRIORITY C UNDER 37 NO	LAIMED USC 119	
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germe.			NLL FOR	EIGN APPL MONTHS FO	ICATION(S), DR DESIGN)	IF ANY FIL PRIOR TO	ED MORE THIS U.S.	THAN 12 APPLICA	2 MONTHS		
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ŧ I					POWER	R OF ATTOR	RNEY				
ë C	The re	gistere 611 V	d attorno	eys listed b	the following Trademark elow and m	attorney(s) Office conn	and/or age ected there or associate	es in the	law firm of gistration No	s application and LYON & . 11,611,	
	Roland N Conrad R James W Robert M Samuel B Douglas E Robert E. James J. Robert C. William E.	l. Smoot l. Solum l. Geriak l. Taylor, l. Stone E. Olson Lyon Short Weiss	, Jr. Jr.	Reg. 18,718 Reg. 20,467 Reg. 20,233 Reg. 19,848 Reg. 19,297 Reg. 22,798 Reg. 24,171 Reg. 25,922 Reg. 24,939 Reg. 20,719	Richard E John D. M William C Coe A. Bl J. Donald John M. E James J. Allan W. Robert W.	E. Lyon, Jr. McConaghy C. Steffin Iomberg I McCarthy Benassi Shalek	Reg. 26,3(Reg. 26,7) Reg. 26,8(Reg. 25,11) Reg. 27,48(Reg. 29,74 Reg. 29,03 Reg. 29,91	00 Rd 33 Da 11 Bra 05 Ja: 19 Je: 33 and 89	by L. Anderson avid B. Murphy adford J. Duft mes C. Brooks ffrey M. Olson d	Reg. 31,125 Reg. 32,219	
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-			· allonio	art of this y(s) to acco	declaration	owing item, if a and power ow instruction	of attorney	y is the y represe	authorization	of the above-	
Address	all futu	ure co	mmunica	ations to:	LYON 8 611 We Los Ang (213) 48	st Sixth Stre geles, Califor	et, 34th Fl nia 90017	loor		٠.	
DEC POA					Attention	: Coe A	. Bloom	perg		-	

knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title the United States Code and that the validity of the application any patent issued thereon.

SIGNATURE(S)

Full name of sole or first inventor Pierre Michetti
Inventor's signature
Date Trb 18th 1994 Country of Citizenship
Residence Avenue D'Ouchy 25
Post Office Address CH-1006 Lausanne
Switzerland
Full name of second joint inventor, if anyIrène Corthesy-Theulaz
Date Country of Citizenship
Residence
Office Address X Continued on added page for Inventor's Data. X Continued on added page for Inventor's Data.
X Added pages to Combined Declaration and Power of Attorney FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (CIP) APPLICATION. Number of pages added Authorization of attorney(s) to accept and follow instructions from representative. Number of pages added
no further pages form a part of this Declaration, then end this Declaration with this page and check the following item: This Declaration ends with this page.

lf

FOR NATURE BY THIRD AND SUBSTITUTIONS

Full name of third joint inventor, if any	André Blum
Inventor's signature	
Date	Country of Citizenship
Residence	
Post Office Address	
Full name of fourth joint inventor, if any	Cathorino Davis
Inventor's signature	
	Country of Citizenship
Past Office Address	
Ø u	
name of fifth joint inventor, if any	Rainier Haas
Inventor's signature	
Date	Country of Citizenship
Residence	
Office Address	
full name of sixth joint inventor, if any	
nventor's signature	
Date	Country of Citizenship
Residence	
ost Office Address	
(seventh	Emilia Saraga
Date	Country of Citizenship
Residence	
Post Office Address	

FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART APPLICATION

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a), which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:

			•			
Application Nos.	Filing (Date	 P/	ATENTED	STATUS PENDING	ABANDONED
07/970,996	Nov.	3, 1992				, is, ii to one b
08/085,938	July	6, 1993			Х	
	ATIONS DESIGNA	ATING THE U.S.				
Displication Nos.	Filing Date	U.S. Serial (Assigned (if		TENTED	STATUS PENDING	ABANDONED
			·			
□ 35 USC ⊨	119 PRIORITY C	LAIM, IF ANY, FOR	R ABOVE LIS	STED U.S./I	PCT APPLICAT	TIONS
ABOVE		DETAILS OF F WHICH PRIORITY O	CLAIMED UNI	DER 35 U	FROM SC 119	+ ,
APPLICATION NUMBER		Application Number	Date of Fi	ling	Date	of Issue nonth, year)

U.S. APPLICATIONS

COMBINED DECLARATION AND POWER OF ATTORNEY inal, Design, National State of PC blemental, Divisional, Continuation or Continuation of Continuat

As a below-named inventor, I hereby declare that: TYPE OF DECLARATION This declaration is of the following type: {check one applicable item below} Original Design Supplemental If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part NOTE: application do not check next item; check appropriate one of last three items. National Stage of PCT If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION NOTE: Divisional Continuation X Continuation-in-part (CIP) INVENTORSHIP IDENTIFICATION My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural mames are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Lī TITLE OF INVENTION Urease-Based Vaccine and Treatment for Helicobacter Infection M SPECIFICATION IDENTIFICATION the specification of which: (a) is attached hereto. (b) was filed on _ as __ Serial No. 0 Express Mail No., as Serial No. not yet known, amended on ____ (if applicable). (c) was described and claimed in PCT International Application No. and as amended under PCT Article 19 on ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a). In compliance with this duty, there is attached an information disclosure statement. 37 CFR 1.97.

coun applic coun		of America listed below and the tificate or any PCT internations apple America filed by me on the same s	also identified below any foreign
(d) ₋	X No such applications have	been filed.	
(e)	Such applications have be	en filed as follows.	
	NOTE: Where item (c) is entered above (e), enter the details below and	and the International Application which design make the priority claim.	nated the U.S. claimed priority, check item
	EARLIEST FOREIGN A (6 MONTHS FOR	PPLICATIONS, IF ANY FILED WITHIN DESIGN) PRIOR TO THIS U.S. APP	PLICATION
	APPLICATION NUMBER	N DATE OF FILING (month, day, year) YES	PRIORITY CLAIMED UNDER 37 USC 119 NO
		· -	
	· .		
	ALL FOREIGN APPLICA (6 MONTHS FOR	TION(S), IF ANY FILED MORE THAI DESIGN) PRIOR TO THIS U.S. APP	N 12 MONTHS LICATION
		FOWER OF ATTORNEY following attorney(s) and/or agent(s)	
transac	t all business in the Patent and Tr	following attorney(s) and/or agent(s) ademark Office connected therewith:	to prosecute this application and
	LYUN, 611 West Sixth Street, 34th	w and members of or associates in Floor, Los Angeles, California 90017 or the Bar of the State of California:	Registration No. 11 611
	Roland N. Smoot Reg. 18,718 Conrad R. Solum, Jr. Reg. 20,467 James W. Geriak Reg. 20,233 Robert M. Taylor, Jr. Reg. 19,848 Samuel B. Stone Reg. 19,297 Douglas E. Olson Reg. 22,798 Robert E. Lyon Reg. 24,171 James J. Short Reg. 25,922 Robert C. Weiss Reg. 24,939 William E. Thomson, Jr. Reg. 20,719	Richard E. Lyon, Jr. John D. McConaghy William C. Steffin Coe A. Bloomberg J. Donald McCarthy John M. Benassi James J. Shalek Allan W. Jansen Robert W. Dickerson Kenneth D'Alessandro Reg. 26,300 Reg. 26,733 Reg. 26,811 Reg. 26,605 Reg. 25,119 Reg. 25,119 Reg. 27,483 Reg. 29,749 Reg. 29,749 Reg. 29,035 Reg. 29,144	Roy L. Anderson David B. Murphy Bradford J. Duft James C. Brooks Jeffrey M. Olson and Reg. 30,240 Reg. 31,125 Reg. 32,219 Reg. 32,898 Reg. 30,790
	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	XXXXXXX Reg. No. XXXXXX	×xxxxxx
	Attached as part of this de	ck the following item, if applicable} cclaration and power of attorney is and follow instructions from my rep	the authorization of the above- presentative(s).
Addres	s all future communications to:	IVON 8 IVON	,
		LYON & LYON 611 West Sixth Street, 34th Floor Los Angeles, California 90017 (213) 489-1600	
		Attention: Coe A. Bloomberg	3
_			•

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful fals of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Full name of sol r first inventor Pierre Michetti
Inventor's signature will be sent separately
Date Country of Citizenship
Residence
Post Office Address
Full name of second joint inventor, if any Irène Corthésy-Theulaz Inventor's signature Country of Citizenship Surberland Residence 144 Route du Jorat
Post Office Address 1000 Lausanne 26 (VD) Surherland
X Continued on added page for Inventor's Data.
CHECK BELOW IF ANY OF THE FOLLOWING ADDED PAGE(S) FORM A PART OF THIS DECLARATION Signature for third and subsequent joint inventors. Number of pages added
Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added
Signature for inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added * * * *
X Added pages to Combined Declaration and Power of Attorney FOR DIVISIONAL, CONTINUATION OR CONTINUATION-IN-PART (CIP) APPLICATION. Number of pages added 1
Authorization of attorney(s) to accept and follow instructions from representative. Number of pages added
f no further pages form a part of this Declaration, then end this Declaration with this page and check the following item:
This Declaration ends with this page.

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SILVATURE BY THIRD AND SUBSEQUENT INVENTORS

Full name of third joint inventor, if any	André Blum
Inventor's signature	
	Country of Citizenship Switalauv
Residence Vors	10 Calle Co
Rost Office Address (H 1323	Romannotter VD
rost Office Address	Juli Will V
Full name of fourth joint inventor, if any	Catherine Davin
Inventor's signature	
Date 17.2.94	Country of Citizenship FRANCE
Residence Ruell & Movi	
Röst Office Address 1260 NYON	
<u>.</u>	
Full name of fifth joint inventor, if any	Rainjer Haas
Inventor's signature Paigr	(go)
Date 17.2.94	
Residence Charlottens	
Post Office Address 72070 Türk	
	rages
Full name of sixth joint inventor, if any	Jean-Pierre KraehenbuX h
Inventor's signature	
Date _///2/44	Country of Citizenship Swiss
Residence /8/2 Riva 7	
Post Office Address	
seventh	
Full name of xxxx joint inventor, if any	Emilia Saraga
Inventor's signature	Je Je
Date 14.07.1994	Country of Citzenship is SW1 Declar d
Residence Lare ann	Elisaria Manyle . 101.2
Post Office Address 10/2 Jan	- a a letter and a letter and a letter

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CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120

I hereby claim the benefit under Title 35, United States Code, Section 120 of any Unit d States application(s) or PCT international application(s) designating th United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a), which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 USC 120:

U.S. AP	PLICATIONS			CTATUO	
Application Nos.	. Filing Date		PATENTED	STATUS PENDING	ABANDONED
07/970,996	•	1992		•	
©8/085,938	July 6,	1993		X	
の い の PCT API					
PCT API	PLICATIONS DESIGNATING	G THE U.S.			
Application Nos.	Filing Date	U.S. Serial Nos. Assigned (if any)	PATENTED	STATUS PENDING	ABANDONED

35 USC 119 PRIORITY CLAIM, IF ANY, FOR ABOVE LISTED U.S./PCT APPLICATIONS

ABOVE			CLAIMED UNDER 35 U		
APPLICATION NUMBER	Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)	•

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